

STIC Database Tracking Number 271743

**To: BRIJ SHRIVASTAV**  
**Location: JEF-10D25**  
**Art Unit: 2831**  
**Wednesday, September 10, 2008**

**Case Serial Number: 10/537235**

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## Search Notes

Attached are the search histories and the edited search results from EAST databases, from CAS/STN patent databases and Chemical Abstracts database, and from Dialog science, engineering, medicine, and biology nonpatent databases.

There might be something helpful in this stack of results. I suggest that you review at least the tagged items attached.

If you would like more searching on this case, or if you have questions or comments, please notify me.



9/10/2008 10/537,235

10sep08 10:33:26 User259284 Session D4365.2

File 305:Analytical Abstracts 1980-2008/Jul W3  
(c) 2008 Royal Soc Chemistry

Dialog

| Set | Items | Description   |
|-----|-------|---|
| S1  | 2514  | HYPERPOLAR? OR HYPER()POLAR? OR POLARIS? OR POLARIZ?  |
| S2  | 41    | S1 AND LIGAND??   |
| S3  | 25    | S1 AND CHELAT??????   |
| S4  | 131   | S1 AND COMPLEX??????  |
| S5  | 4     | S1 AND COORDINATION   |
| S6  | 38    | S1 AND EDTA   |
| S7  | 294   | S1 AND AMIN????   |
| S8  | 89    | S1 AND AMMON????  |
| S9  | 3     | S1 AND ORGANOMETAL?   |
| S10 | 3     | S1 AND ORGANO()METAL?   |
| S11 | 6     | S1 AND TETRAKIS?  |
| S12 | 529   | S2:S11  |
| S13 | 49    | S12 AND NMR   |
| S14 | 26    | S12 AND NUCLEAR()MAGNETIC()RESONANCE  |
| S15 | 50    | S13:S14   |
| S16 | 9     | S15 AND COMPAR??????  |
| S17 | 3     | S15 AND KNOWN   |
| S18 | 1     | S15 AND UNKNOWN   |
| S19 | 5     | S15 AND REFERENCE   |
| S20 | 2     | S15 AND CALIBRA??????   |
| S21 | 0     | S15 AND RECALIBRA??????   |
| S22 | 0     | S15 AND UNCALIBRA??????   |
| S23 | 10    | S15 AND DIFFER??????  |
| S24 | 2     | S15 AND CHARACTERISTIC?   |
| S25 | 11    | S15 AND MIX??????   |
| S26 | 0     | S15 AND BLEND??????   |
| S27 | 0     | S15 AND ISOTOPIC?   |
| S28 | 0     | S15 AND ISOTOP?   |
| S29 | 0     | S15 AND RADIOISOTOP?  |
| S30 | 6     | S15 AND ENRICH??????  |
| S31 | 7     | S15 AND ENHANC??????  |
| S32 | 35    | S16:S31   |
| S33 | 32    | S32 NOT S32/2004-2008   |
| S34 | 352   | (ISOTOP????? OR RADIOISOTOP?????? OR RADIOCHEM????????) (4N) -<br>(ENRICH????? OR ENHANC??????) |
| S35 | 0     | S34 AND S1  |
| S36 | 4     | S34 AND LIGAND??????  |
| S37 | 8     | S34 AND NMR   |
| S38 | 5     | S34 AND NUCLEAR()MAGNETIC()RESONAN???   |
| S39 | 12    | S36:S38   |
| S40 | 12    | S39 NOT S32   |

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1 of 1

10sep08 11:07:54 User259284 Session D4366.2

## SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1950-2008/Sep 08  
(c) format only 2008 Dialog

File 2:INSPEC 1898-2008/Aug W2  
(c) 2008 Institution of Electrical Engineers

File 23:CSA TECHNOLOGY RESEARCH DATABASE 1963-2008/AUG  
(c) 2008 CSA.

File 5:Biosis Previews(R) 1926-2008/Aug W5  
(c) 2008 The Thomson Corporation

File 103:Energy SciTec 1974-2008/Aug B1  
(c) 2008 Contains copyrighted material

File 73:EMBASE 1974-2008/Sep 10  
(c) 2008 Elsevier B.V.

File 6:NTIS 1964-2008/Sep W3  
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File 8:Ei Compendex(R) 1884-2008/Aug W5  
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File 25:Weldasearch 1966-2008/Jul  
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File 31:World Surface Coatings Abs 1976-2008/Sep  
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File 33:Aluminium Industry Abstracts 1966-2008/Aug  
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File 35:Dissertation Abs Online 1861-2008/Apr  
(c) 2008 ProQuest Info&Learning

File 36:MetalBase 1965-20080909  
(c) 2008 The Thomson Corporation

File 46:Corrosion Abstracts 1966-2008/Aug  
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File 56:Computer and Information Systems Abstracts 1966-2008/Jul  
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File 57:Electronics & Communications Abstracts 1966-2008/Jul  
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File 60:ANTE: Abstracts in New Tech & Engineer 1966-2008/Jul  
(c) 2008 CSA.

File 61:Civil Engineering Abstracts. 1966-2008/Jul  
(c) 2008 CSA.

File 63:Transport Res(TRIS) 1970-2008/Aug  
(c) fmt only 2008 Dialog

File 64:Environmental Engineering Abstracts 1966-2008/Jun  
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File 65:Inside Conferences 1993-2008/Sep 09  
(c) 2008 BLDSC all rts. reserv.

File 68:Solid State & Superconductivity Abstracts 1966-2008/Aug  
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File 81:MIRA - Motor Industry Research 2001-2008/Feb  
(c) 2008 MIRA Ltd.

File 95:TEME-Technology & Management 1989-2008/Aug W4  
(c) 2008 FIZ TECHNIK

File 96:FLUIDEX 1972-2008/Jun  
(c) 2008 Elsevier B.V.

File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Aug  
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File 118:ICONDA-Intl Construction 1976-2008/Jul  
(c) 2008 Fraunhofer-IRB

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File 134:Earthquake Engineering Abstracts 1966-2008/Jul  
 (c) 2008 CSA.  
 File 144:Pascal 1973-2008/Aug W5  
 (c) 2008 INIST/CNRS  
 File 239:Mathsci 1940-2008/Sep  
 (c) 2008 American Mathematical Society  
 File 240:PAPERCHEM 1967-2008/Aug W5  
 (c) 2008 Elsevier Eng. Info. Inc.  
 File 248:PIRA 1975-2008/Nov W3  
 (c) 2008 Pira International  
 File 293:Engineered Materials Abstracts 1966-2008/Aug  
 (c) 2008 CSA.  
 File 315:ChemEng & Biotec Abs 1970-2008/Aug  
 (c) 2008 DECHEMA  
 File 323:RAPRA Rubber & Plastics 1972-2008/Jun  
 (c) 2008 RAPRA Technology Ltd  
 File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2008/Jul  
 (c) 2008 CSA.

| Set | Items   | Description   |
|-----|---------|---|
| S1  | 1304363 | NMR OR NUCLEAR()MAGNETIC()RESONAN????   |
| S2  | 77543   | HYPERPOLAR? OR HYPER()POLAR??????   |
| S3  | 43712   | (HIGH OR HIGHLY OR HIGHER OR HIGHEST OR HIGHFIELD?? OR EXT-REME???) (2N) POLARI???????  |
| S4  | 1515    | 1AND2   |
| S5  | 1174    | 1AND3   |
| S6  | 971647  | COMPAR?????? (4N) (KNOWN OR UNKNOWN OR PREDETERMINED OR PRE(-)DETERMINED OR STANDARD OR STANDARDS OR REFERENC???? OR MODEL-?? OR GUIDE?? OR GUIDELIN??? OR LABEL??? OR TRACE??? OR TAGGED OR TAGGANT? ? OR TAG OR TAGS) |
| S7  | 2609    | S4:S5   |
| S8  | 29      | S6 AND S7   |
| S9  | 1       | S8 AND LIGAND??   |
| S10 | 0       | S8 AND TARGET??   |
| S11 | 63      | S4:S5 AND LIGAND??  |
| S12 | 8       | S11 AND TARGET??  |
| S13 | 10      | S11 AND DRUG  |
| S14 | 2       | S11 AND DRUGS   |
| S15 | 0       | S11 AND PHARMA  |
| S16 | 1       | S11 AND PHARMACEUT??????  |
| S17 | 4       | S11 AND COMPET??????  |
| S18 | 5       | S11 AND ASSAY????   |
| S19 | 11      | S11 AND ENHANC????  |
| S20 | 11      | S11 AND ENHANCE??????   |
| S21 | 0       | S11 AND ENRICH??????  |
| S22 | 0       | S11 AND RADIOISOTOP??????   |
| S23 | 0       | S11 AND RADIOCHEM??????   |
| S24 | 56      | HYPERPOLAR?????? (4N) LIGAND??  |
| S25 | 1       | HYPER()POLAR?????? (4N) LIGAND??  |
| S26 | 58      | HYPERPOLAR?????? (4N) (EDTA OR AMMONI????? OR CHELAT????? OR COORDINATION? ? OR COMPLEXING? ? OR COMPLEXED OR COMPLEXATION? ?)  |
| S27 | 0       | POLARISING(4N) (EDTA OR AMMONI????? OR CHELAT????? OR COORDINATION? ? OR COMPLEXING? ? OR COMPLEXED OR COMPLEXATION? ?)   |
| S28 | 3382    | (POLARIS?????? OR POLARIZ??????) (4N) (LIGAND?? OR EDTA OR -AMMONI????? OR CHELAT????? OR COORDINATION? ? OR COMPLEXING? ? OR COMPLEXED OR COMPLEXATION? ?)   |
| S29 | 3494    | S24:S28   |
| S30 | 192     | S29 AND S1  |
| S31 | 16      | S29 AND S6  |

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|     |      |  |
|-----|------|--|
| S32 | 208  | S30:S31  |
| S33 | 6    | S32 AND HYPERPOLAR?  |
| S34 | 1    | S32 AND HYPER  |
| S35 | 83   | S32 AND POLARIS???????                                       |
| S36 | 192  | S32 AND POLARIZ???????                                       |
| S37 | 91   | S8:S23   |
| S38 | 84   | S37 AND (POLARIZ???????? OR HYPERPOLAR? OR POLARIS?????????) |
| S39 | 6    | S33:S34  |
| S40 | 293  | S35:S38  |
| S41 | 4    | RD S39 (unique items)  |
| S42 | 1    | HYPERPOLAR?????(2N) (LIGAND?? OR COLIGAND??)                 |
| S43 | 1    | S42 NOT S41  |
| S44 | 1    | S42 NOT S39  |
| S45 | 287  | S40 NOT S39  |
| S46 | 271  | S45 AND S1   |
| S47 | 45   | S45 AND S6   |
| S48 | 1    | S45 AND REFERENCE  |
| S49 | 13   | S45 AND STANDARD??   |
| S50 | 25   | S45 AND MIX?????   |
| S51 | 3    | S45 AND BLEND?????   |
| S52 | 10   | S45 AND COMPOSITION??  |
| S53 | 0    | S45 AND COLIGAND??   |
| S54 | 0    | S45 AND CO() LIGAND??  |
| S55 | 150  | S45 AND LIGAND??   |
| S56 | 1    | S45 AND LIGAND?? (4N) TOGETHER                               |
| S57 | 0    | S45 AND LIGAND?? (4N) ANOTHER                                |
| S58 | 1    | S45 AND LIGAND?? (4N) COUPL???                               |
| S59 | 0    | S45 AND LIGAND?? (4N) DOUBLE                                 |
| S60 | 6    | S45 AND LIGAND?? (4N) TWO                                    |
| S61 | 0    | S45 AND LIGAND?? (4N) SECOND                                 |
| S62 | 13   | S45 AND PEAK??   |
| S63 | 9    | S45 AND AMPLITUD????   |
| S64 | 38   | S45 AND SPECTRUM??   |
| S65 | 93   | S45 AND SPECTRA  |
| S66 | 11   | S45 AND CHARACTERISTIC???                                    |
| S67 | 1    | S45 AND MARKER???  |
| S68 | 0    | S45 AND BIOMARKER???   |
| S69 | 47   | S45 AND (BIND OR BINDING OR BINDER OR BINDERS)               |
| S70 | 8    | S45 AND IDENTIF??????  |
| S71 | 0    | S45 AND IDENTIT????  |
| S72 | 3    | S45 AND ID   |
| S73 | 0    | S45 AND IDS  |
| S74 | 3    | S45 AND RADIOISOTOP?????                                     |
| S75 | 17   | S45 AND ISOTOP?????  |
| S76 | 5    | S41 OR S44   |
| S77 | 202  | S8:S26   |
| S78 | 29   | 46AND47  |
| S79 | 4    | S76 AND S1   |
| S80 | 5    | S76 AND S2   |
| S81 | 0    | S76 AND S3   |
| S82 | 0    | S76 AND S6   |
| S83 | 34   | S78:S82  |
| S84 | 26   | RD S83 (unique items)  |
| S85 | 21   | S84 NOT S76  |
| S86 | 1515 | 1AND2  |
| S87 | 35   | S86 AND LIGAND??   |
| S88 | 26   | RD S87 (unique items)  |
| S89 | 22   | S88 NOT (S83 OR S76)   |
| S90 | 19   | HYPERPOLAR????????/TI,AB (2N) LIGAND??/TI,AB                 |
| S91 | 12   | RD S90 (unique items)  |

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S92 11 S91 NOT (S89 OR S83 OR S76)  
 S93 426165 LIGAND?? AND (AGONIST???? OR ANTAGONIST???? OR PROTEIN OR  
 PROTEINS OR POLYPEPTID???? OR PEPTIDE?? OR GLYCOPROTEIN?? OR -  
 LIPOPROTEIN?? OR GLYCOPOLY???????? OR LIPOPOLY????????)  
 S94 258565 LIGAND?? AND (ASSAY???? OR MICROASSAY???? OR NANOASSAY??-  
 ?? OR DISCOVERY OR DRUG OR DRUGS OR COMPETITION??)  
 S95 80659 LIGAND?? AND TARGET??  
 S96 15077 S93:S95 AND NMR  
 S97 10071 S93:S95 AND NUCLEAR()MAGNETIC  
 S98 14202 S93:S95 AND MAGNETIC()RESONAN??  
 S99 2224 S93:S95 AND (CHEM OR CHEMICAL??) (2N)SHIFT??  
 S100 3189 S93:S95 AND MR  
 S101 587 S93:S95 AND (COMPAR???? OR REFERENC??? OR STANDARD??) (3N-  
 ) (SPECTRUM?? OR SPECTRA)  
 S102 339 S93:S95 AND (KNOWN OR CHARACTERISTIC????) (3N) (SPECTRUM?? -  
 OR SPECTRA)  
 S103 1397 S93:S95 AND DIFFER???? (3N) (SPECTRUM?? OR SPECTRA)  
 S104 810 S96:S103 AND LIGAND??/TI,AB (7N)TARGET??/TI,AB  
 S105 10072 S96:S103 AND LIGANDS/AB  
 S106 25 S96:S103 AND HYPERPOLAR????????  
 S107 18 S96:S103 AND HYPER  
 S108 13 S104:S105 AND S106  
 S109 5 S104:S105 AND S107  
 S110 466 S104 AND S105  
 S111 17 S108:S109  
 S112 11 RD S111 (unique items)  
 S113 8 S112 NOT (S91 OR S89 OR S83 OR S76)  
 S114 262 S110 AND NMR  
 S115 216 S110 AND S97  
 S116 334 S110 AND S98  
 S117 440 S114:S116  
 S118 88 S117 AND LIGANDS/AB AND TARGETS/AB  
 S119 46 RD S118 (unique items)  
 S120 46 S119 NOT (S91 OR S89 OR S83 OR S76 OR S113)  
 S121 1 S120 AND SPECTRUM??  
 S122 4 S120 AND SPECTRA  
 S123 1 S120 AND PEAK??  
 S124 1 S120 AND CHARACTERISTIC????  
 S125 5 S121:S124

Sheet  
 4 of 4

CAS/STN FILE 'WPIX' ENTERED AT 09:17:41 ON 10 SEP 2008

L1 4 SEA ABB=ON PLU=ON (WO2003057258 OR WO2003096044 OR DE10160177  
OR WO9935508)/PN  
L2 SEL PLU=ON L1 1- PN : 31 TERMS

FILE 'STNGUIDE' ENTERED AT 09:18:14 ON 10 SEP 2008

FILE 'PCI' ENTERED AT 09:18:33 ON 10 SEP 2008

L3 26 SEA ABB=ON PLU=ON L2/PN.D  
L4 SEL PLU=ON L3 1- PRN : 34 TERMS

FILE 'STNGUIDE' ENTERED AT 09:18:41 ON 10 SEP 2008

FILE 'PCI' ENTERED AT 09:19:05 ON 10 SEP 2008

L5 8 SEA ABB=ON PLU=ON L2/PN.G  
L6 32 SEA ABB=ON PLU=ON L3 OR L5  
L7 SEL PLU=ON L6 1- PRN : 47 TERMS

FILE 'STNGUIDE' ENTERED AT 09:19:26 ON 10 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT' ENTERED AT 09:20:51 ON 10 SEP 2008

L8 77 SEA ABB=ON PLU=ON L7  
L9 12 SEA ABB=ON PLU=ON L8 AND LIGAND  
L10 21 SEA ABB=ON PLU=ON L8 AND TARGET#####  
L11 23 SEA ABB=ON PLU=ON L8 AND (MIX##### OR BLEND#### OR TOGETHER)  
L12 2 SEA ABB=ON PLU=ON L8 AND REFERENC#####  
L13 45 SEA ABB=ON PLU=ON L8 AND HYPERPOLARI?  
L14 4 SEA ABB=ON PLU=ON L8 AND HYPER POLARI#####  
L15 10 SEA ABB=ON PLU=ON L8 AND COMPAR#####  
L16 23 SEA ABB=ON PLU=ON L8 AND DIFFER#####  
L17 4 SEA ABB=ON PLU=ON L8 AND CALIBRA#####  
L18 0 SEA ABB=ON PLU=ON L8 AND RECALIBRA#####  
L19 0 SEA ABB=ON PLU=ON L8 AND NONCALIBRA#####  
L20 0 SEA ABB=ON PLU=ON L8 AND UNCALIBRA#####  
L21 4 SEA ABB=ON PLU=ON L8 AND KNOWN  
L22 2 SEA ABB=ON PLU=ON L8 AND UNKNOWN  
L23 10 SEA ABB=ON PLU=ON L8 AND PREDETERMIN?  
L24 0 SEA ABB=ON PLU=ON L8 AND PRE DETERMIN?  
L25 14 SEA ABB=ON PLU=ON L8 AND SPECTR###  
L26 5 SEA ABB=ON PLU=ON L8 AND AMPLITUD#####  
L27 2 SEA ABB=ON PLU=ON L8 AND PEAK#####  
L28 1 SEA ABB=ON PLU=ON L8 AND CHARACTERISTIC#####  
L29 12 SEA ABB=ON PLU=ON L9 AND (L10 OR L11 OR L12 OR L13 OR L14 OR  
L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR  
L24 OR L25 OR L26 OR L27 OR L28)  
L30 17 SEA ABB=ON PLU=ON L10 AND (L11 OR L12 OR L13 OR L14 OR L15  
OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24  
OR L25 OR L26 OR L27 OR L28)  
L31 21 SEA ABB=ON PLU=ON L11 AND (L12 OR L13 OR L14 OR L15 OR L16  
OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25  
OR L26 OR L27 OR L28)  
L32 25 SEA ABB=ON PLU=ON L13 AND (L14 OR L15 OR L16 OR L17 OR L18  
OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27  
OR L28)  
L33 51 SEA ABB=ON PLU=ON L9 OR L10 OR L11 OR L12 OR (L15 OR L16 OR  
L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR  
L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32)  
L34 30 SEA ABB=ON PLU=ON L13 AND L33  
L35 12 SEA ABB=ON PLU=ON L9 AND L10

sheet 1 of 5

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT' ENTERED AT 09:20:51 ON 10 SEP 2008

L36 51 SEA ABB=ON PLU=ON L9 OR L12 OR L14 OR L15 OR (L17 OR L18 OR  
L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR  
L28 OR L29 OR L30 OR L31 OR L32) OR (L33 OR L34 OR L35)

L37 42 SEA ABB=ON PLU=ON L36 AND 1990-2003/PY

L38 0 SEA ABB=ON PLU=ON L36 AND 1980-1989/PY

L39 0 SEA ABB=ON PLU=ON L36 AND 1960-1979/PY  
D L37 TI 1-37

FILE 'STNGUIDE' ENTERED AT 09:26:25 ON 10 SEP 2008

FILE 'ZCAPLUS' ENTERED AT 09:31:38 ON 10 SEP 2008  
E LIGANDS/CT

FILE 'LCA' ENTERED AT 09:32:27 ON 10 SEP 2008

L40 1689 SEA ABB=ON PLU=ON LIGAND OR CHELAT##### OR CENTRAL ATOM OR  
COORDINATION COMPOUND OR COMPLEXAT##### OR COMPLEXING OR  
EDTA OR TETRAKIS##### OR ORGANOMETAL#####

L41 317 SEA ABB=ON PLU=ON EDTA

FILE 'REGISTRY' ENTERED AT 09:35:11 ON 10 SEP 2008

L42 188 SEA ABB=ON PLU=ON EDTA

L43 5924 SEA ABB=ON PLU=ON LIGAND

L44 312570 SEA ABB=ON PLU=ON TETRAKIS

L45 14 SEA ABB=ON PLU=ON COMPLEXING

L46 7 SEA ABB=ON PLU=ON COMPLEXATION

L47 13 SEA ABB=ON PLU=ON COORDINATION

FILE 'LCA' ENTERED AT 09:36:56 ON 10 SEP 2008

L48 34 SEA ABB=ON PLU=ON HYPERPOLARIS##### OR HYPERPOLARIZ#####  
#### OR HYPER(W) (POLARIS##### OR POLARIZ#####)

FILE 'HCAPLUS' ENTERED AT 09:38:15 ON 10 SEP 2008

L49 22914 SEA ABB=ON PLU=ON HYPERPOLARIS##### OR HYPERPOLARIZ#####  
#### OR HYPER(W) (POLARIS##### OR POLARIZ#####)

FILE 'REGISTRY' ENTERED AT 09:38:37 ON 10 SEP 2008

L50 48 SEA ABB=ON PLU=ON L44 AND AMMONIA

L51 1924 SEA ABB=ON PLU=ON L44 AND AMMONIUM

L52 56767 SEA ABB=ON PLU=ON L44 AND AMIN###

L53 305252 SEA ABB=ON PLU=ON L44 AND C/ELS AND H/ELS

L54 208699 SEA ABB=ON PLU=ON L53 AND N/ELS

FILE 'HCAPLUS' ENTERED AT 09:39:44 ON 10 SEP 2008

L55 148 SEA ABB=ON PLU=ON L48 AND L54

FILE 'REGISTRY' ENTERED AT 09:40:54 ON 10 SEP 2008

L56 96553 SEA ABB=ON PLU=ON L53 NOT L54

L57 633 SEA ABB=ON PLU=ON ((L50 OR L51 OR L52) NOT L53)

FILE 'HCAPLUS' ENTERED AT 09:42:17 ON 10 SEP 2008

L58 97 SEA ABB=ON PLU=ON L48 AND L56

L59 7 SEA ABB=ON PLU=ON L48 AND L57

L60 273 SEA ABB=ON PLU=ON L48 AND (EDTA OR TETRAKIS? OR COORDINATION  
OR COMPLEXING OR COMPLEXATION)

L61 11 SEA ABB=ON PLU=ON L48 AND (L42 OR L43 OR L45 OR L46 OR L47)

L62 901 SEA ABB=ON PLU=ON L48 AND L40

L63 33 SEA ABB=ON PLU=ON L48 AND L41

L64 1119 SEA ABB=ON PLU=ON L55 OR (L58 OR L59 OR L60 OR L61 OR L62 OR  
L63)

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FILE 'HCAPLUS' ENTERED AT 09:42:17 ON 10 SEP 2008

L65 82 SEA ABB=ON PLU=ON L64 AND (MIX##### OR BLEND#####)  
 L66 43 SEA ABB=ON PLU=ON L64 AND TARGET#####  
 L67 44 SEA ABB=ON PLU=ON L64 AND REFERENC#####  
 L68 179 SEA ABB=ON PLU=ON L64 AND ?COMPAR?  
 L69 1 SEA ABB=ON PLU=ON L64 AND ?CALIBRA?  
 L70 78 SEA ABB=ON PLU=ON L64 AND ?KNOWN?  
 L71 2 SEA ABB=ON PLU=ON L64 AND PREDETERMIN?  
 L72 0 SEA ABB=ON PLU=ON L64 AND PRE DETERMIN?  
 L73 2 SEA ABB=ON PLU=ON L65 AND L66  
 L74 37 SEA ABB=ON PLU=ON (L65 OR L66) AND (L67 OR L68 OR L69 OR L70 OR L71)  
 L75 4 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND ?NMR(3A) (SPECTR#### OR PEAK OR AMPLITUDE OR CHARACTERI  
 STIC##### OR LIGAND OR TARGET)  
 L76 4 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND NMR?(3A) (SPECTR#### OR PEAK OR AMPLITUDE OR CHARACTERI  
 STIC##### OR LIGAND OR TARGET)  
 L77 4 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND NUCLEAR MAGNETIC RESONANCE(3A) (SPECTR#### OR PEAK OR  
 AMPLITUDE OR CHARACTERISTIC##### OR LIGAND OR TARGET)  
 E NUCLEAR MAGNETIC RESONANCE/CT  
 L78 21 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND NMR  
 L79 21 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND NUCLEAR MAGNETIC RESONANCE  
 L80 0 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND A61B0057/IPC,IPC,ECLA  
 L81 0 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND A61B0057/IPC,IPC,ECLA  
 L82 3 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND A61B00057/IPC,IPC,ECLA  
 L83 6 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND C12Q?/IPC,IPC,ECLA  
 L84 5 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND G01N?/IPC,IPC,ECLA  
 L85 3 SEA ABB=ON PLU=ON (L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR  
 L71) AND G01R?/IPC,IPC,ECLA  
 E LIGANDS/CT  
 L86 118281 SEA ABB=ON PLU=ON (LIGANDS/CT OR LIGAND/CT OR "ORG. LIGANDS"/  
 CT OR APTAMERS/CT OR "COMPLEXING AGENTS"/CT OR "CHELATING  
 AGENTS"/CT OR PENICILLAMINE/CT OR SIDEROPHORES/CT OR "HORMONE  
 ANTAGONISTS"/CT OR ANTIANDROGENS/CT OR FINASTERIDE/CT OR  
 ANTIESTROGENS/CT OR CLOMIPHENE/CT OR TAMOXIFEN/CT OR ANTIPROGES  
 TINS/CT OR "ANTITHYROID AGENTS"/CT OR METHIMAZOLE/CT OR  
 METHYLTHIOURACIL/CT OR PROPYLTHIOURACIL/CT OR "CYTOKINE  
 INHIBITORS"/CT OR "FK 506"/CT OR PIMECROLIMUS/CT OR TENIDAP/CT  
 OR "GLUCOCORTICOID ANTAGONISTS"/CT OR "CP 394531"/CT OR "CP  
 409069"/CT OR MIFEPRISTONE/CT OR "GONADOTROPIN ANTAGONISTS"/CT  
 OR DANAZOL/CT OR "KININ ANTAGONISTS"/CT OR "BRADYKININ  
 ANTAGONISTS"/CT OR "TACHYKININ ANTAGONISTS"/CT OR "PROSTAGLANDI  
 N ANTAGONISTS"/CT OR "NEUROTRANSMITTER AGONISTS"/CT OR "5-HT  
 AGONISTS"/CT OR "ADRENOCEPTOR AGONISTS"/CT OR "(-)-ISOPROTERENO  
 L"/CT OR ".ALPHA.-ADRENOCEPTOR AGONISTS"/CT OR ".ALPHA.1-ADRENO  
 CEPTOR AGONISTS"/CT OR "A 61603"/CT OR PHENYLEPHRINE/CT OR  
 "PHENYLEPHRINE HYDROCHLORIDE"/CT OR ".ALPHA.2-ADRENOCEPTOR  
 AGONISTS"/CT OR ".BETA.-ADRENOCEPTOR AGONISTS"/CT OR ".BETA.1-A  
 DRENOCEPTOR AGONISTS"/CT OR ".BETA.2-ADRENOCEPTOR AGONISTS"/CT  
 OR ".BETA.3-ADRENOCEPTOR AGONISTS"/CT OR AMPHETAMINE/CT OR  
 CLONIDINE/CT OR "CLONIDINE HYDROCHLORIDE"/CT)

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FILE 'HCAPLUS' ENTERED AT 09:42:17 ON 10 SEP 2008

L87 189020 SEA ABB=ON PLU=ON (DL-METHYLDOPA/CT OR EPHEDRINE/CT OR  
 "EPHEDRINE HYDROCHLORIDE"/CT OR EPINEPHRINE/CT OR FENOTEROL/CT  
 OR FORMOTEROL/CT OR ISOPROTERENOL/CT OR "ISOPROTERENOL  
 HYDROCHLORIDE"/CT OR "ISOPROTERENOL SULFATE"/CT OR NORADRENALIN  
 E/CT OR "CHOLINERGIC AGONISTS"/CT OR "MUSCARINIC AGONISTS"/CT  
 OR "NICOTINIC AGONISTS"/CT OR DIMETHYLPHENYLPIPERAZINIUM/CT OR  
 "DIMETHYLPHENYLPIPERAZINIUM IODIDE"/CT OR "DOPAMINE AGONISTS"/C  
 T OR "GABA AGONISTS"/CT OR "GLUTAMATE AGONISTS"/CT OR "PURINOCE  
 PTOR AGONISTS"/CT OR "ADENOSINE RECEPTOR AGONISTS"/CT OR  
 "ADENOSINE A1 RECEPTOR AGONISTS"/CT OR N6-CYCLOPENTYLADENOSINE/  
 CT OR "ADENOSINE A2 RECEPTOR AGONISTS"/CT OR SEROTONIN/CT OR  
 "AMMINE COMPLEXES"/CT OR "COORDINATION COMPOUNDS"/CT OR  
 "COORDINATION NUMBER"/CT OR "COORDINATION SPHERE"/CT) OR  
 R81-82 OR "NITROSYL COMPLEXES"/CT  
 L88 11631 SEA ABB=ON PLU=ON (L86 OR L87) AND TARGET?  
 L89 35 SEA ABB=ON PLU=ON L88 AND HYPERPOLAR?  
 L90 0 SEA ABB=ON PLU=ON L88 AND HYPER POLAR#####  
 L91 1147 SEA ABB=ON PLU=ON L55 OR (L58 OR L59 OR L60 OR L61 OR L62 OR  
 L63 OR L64 OR L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR L71 OR  
 L72 OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR  
 L81 OR L82 OR L83 OR L84 OR L85) OR L89  
 L92 1142 SEA ABB=ON PLU=ON L91 AND HYPERPOLAR?  
 L93 9 SEA ABB=ON PLU=ON L91 AND HYPER POLAR?  
 L94 111 SEA ABB=ON PLU=ON L91 AND (TARGET##### OR REFERENC#####)  
 L95 1147 SEA ABB=ON PLU=ON L92 OR L93  
 L96 111 SEA ABB=ON PLU=ON L94 AND L95  
 L97 15 SEA ABB=ON PLU=ON L96 AND COMPAR?  
 L98 0 SEA ABB=ON PLU=ON L96 AND ?CALIBRA?  
 L99 15 SEA ABB=ON PLU=ON L96 AND ?KNOWN?  
 L100 7 SEA ABB=ON PLU=ON L96 AND ?PREDICT?  
 L101 1 SEA ABB=ON PLU=ON L96 AND ?IDENTIT?  
 L102 24 SEA ABB=ON PLU=ON L96 AND ?IDENTIF?  
 L103 0 SEA ABB=ON PLU=ON L96 AND PREDETERM?  
 L104 0 SEA ABB=ON PLU=ON L96 AND PRE DETERM?  
 L105 6 SEA ABB=ON PLU=ON L96 AND MIX#####  
 L106 0 SEA ABB=ON PLU=ON L96 AND BLEND#####  
 L107 9 SEA ABB=ON PLU=ON L96 AND NMR  
 L108 9 SEA ABB=ON PLU=ON L96 AND NUCLEAR MAGNETIC RESONANCE  
 L109 10 SEA ABB=ON PLU=ON L96 AND SPECTR####  
 L110 51 SEA ABB=ON PLU=ON (L97 OR L98 OR L99 OR L100 OR L101 OR L102  
 OR L103 OR L104 OR L105 OR L106)  
 L111 16 SEA ABB=ON PLU=ON (L107 OR L108 OR L109)  
 L112 8 SEA ABB=ON PLU=ON L110 AND L111  
 L113 59 SEA ABB=ON PLU=ON (L110 OR L111)  
 L114 28 SEA ABB=ON PLU=ON L113 AND 1990-2002/PY  
 L115 0 SEA ABB=ON PLU=ON L113 AND 1980-1989/PY  
 L116 0 SEA ABB=ON PLU=ON L113 AND 1970-1979/PY  
 L117 0 SEA ABB=ON PLU=ON L113 AND 1960-1969/PY  
 L118 37 SEA ABB=ON PLU=ON L112 OR L107 OR L108 OR (L114 OR L115 OR L116 OR L117)  
 L119 19 SEA ABB=ON PLU=ON L118 AND LIGAND#####  
 L120 18 SEA ABB=ON PLU=ON L118 AND TARGET#####  
 L121 28 SEA ABB=ON PLU=ON (L119 OR L120)  
 L122 37 SEA ABB=ON PLU=ON (L118 OR L119 OR L120)  
 L123 28 SEA ABB=ON PLU=ON L122 NOT P/DT  
 L124 27 SEA ABB=ON PLU=ON L123 AND 1980-2003/PY  
 L125 37 SEA ABB=ON PLU=ON (L122 OR L123 OR L124)  
 L126 1 SEA ABB=ON PLU=ON EP1579232/PN  
 L127 36 SEA ABB=ON PLU=ON L125 NOT L126  
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FILE 'STNGUIDE' ENTERED AT 10:01:03 ON 10 SEP 2008

FILE 'HCAPLUS' ENTERED AT 10:03:03 ON 10 SEP 2008

L128 18183 SEA ABB=ON PLU=ON (MIX##### OR BLEND#####).(4A) (L40 OR L41 OR L48)  
L129 73418 SEA ABB=ON PLU=ON (MIX##### OR BLEND#####) (4A) (TETRAKIS##### OR  
CHELAT##### OR COORDINAT##### OR AMMON##### OR COMPLEX#####)  
L130 13548 SEA ABB=ON PLU=ON (MIX##### OR BLEND#####) (7A) LIGAND#####  
L131 136 SEA ABB=ON PLU=ON (L128 OR L129 OR L130) AND HYPERPOLAR?  
L132 3 SEA ABB=ON PLU=ON (L128 OR L129 OR L130) AND HYPER POLAR?  
L133 137 SEA ABB=ON PLU=ON (L131 OR L132)  
L134 12 SEA ABB=ON PLU=ON L133 AND NMR  
L135 12 SEA ABB=ON PLU=ON L133 AND NUCLEAR MAGNETIC RESONANCE  
L136 0 SEA ABB=ON PLU=ON L133 AND (CHEM OR CHEMICAL##) (3A) SHIFT#####  
L137 12 SEA ABB=ON PLU=ON L134 OR L135  
L138 12 SEA ABB=ON PLU=ON L137 NOT (L127 OR L126)  
L139 0 SEA ABB=ON PLU=ON (L56 OR L57) AND L138  
L140 1 SEA ABB=ON PLU=ON L138 AND ((L50 OR L51 OR L52) OR L42 OR  
L43 OR (L45 OR L46 OR L47))  
L141 12 SEA ABB=ON PLU=ON L138 OR L140  
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## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 3    | "20030077224"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/10 14:08 |
| L2    | 28   | "6426058" or "6818202" or<br>"7385395"                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/10 14:12 |
| L3    | 18   | L2 and hyperpolar\$9                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/10 14:12 |
| L4    | 1    | 1997-503246.NRAN.  | DERWENT   | OR               | OFF     | 2008/09/10 14:12 |
| L5    | 15   | "2003057258" or "2003096044" or<br>"10160177" or "9935508" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/10 14:31 |
| L6    | 1    | 2003-542960.NRAN.  | DERWENT   | OR               | OFF     | 2008/09/10 14:33 |